

WHAT IS CLAIMED IS:

1. A method of presenting data from an application executing at a computing device at a wireless mobile device remote from said computing device, said method comprising:
 - receiving at said mobile device, a representation of a text file defining a user interface and actions to be taken in response to user interaction with said user interface or received data from said application;
 - receiving data from said application;
 - executing virtual machine software at said mobile device to present said user interface and said received data, in accordance with said text file;
 - wherein at least one of said actions in said text file specifies execution of a software component separate from said virtual machine software, identified in said text file and loaded at said device; and
 - executing said software component at said device in response to said at least one of said actions.
2. The method of claim 1, further comprising passing to said software component, parameters identified in said text file.
3. The method of any one of claims 1 and 2, further comprising querying whether said software component identified in said text file is loaded at said device.
4. The method of any one of claims 1 to 3, further comprising querying whether said software component includes a pre-determined interface.
5. The method of any one of claims 1 to 4, further comprising receiving data from said software component to be used by said virtual machine software.

6. The method of any one of claims 1 to 5, wherein said software component is in the form of a software object, and further comprising creating an instance of said software object.
7. The method of claim 6, wherein said text file identifies said object by name, and said method further comprises querying whether an object having said name exists at said mobile device.
8. The method of claim 7, further comprising executing operating system software at said device, wherein said querying comprises querying said operating system to determine if said software component is present at said device.
9. The method of any one of claims 1 to 8, wherein said text file is received at said wireless device and wherein said text file is an XML file.
10. The method of any one of claims 1 to 9, wherein said text file is parsed, and a representation of said text file is stored at said wireless device for use by said virtual machine software.
11. The method of any one of claims 1 to 10, further comprising storing data generated by said software component at said wireless device in accordance with said text file.
12. The method of any one of claims 1 to 11, wherein said format of network messages comprises XML definitions for said network messages, and wherein data for said application are dispatched from said wireless device using said XML definitions.
13. The method of any one of claims 1 to 12, wherein said software component captures the signature of a user.
14. The method of any one of claims 1 to 13, wherein said software component interfaces with peripheral hardware at said device.

15. A wireless mobile device comprising:
a processor;
computer readable memory in communication with said processor, storing
virtual machine software controlling operation of said wireless mobile device,
said virtual machine software comprising:
- a parser for receiving a text file;
 - a screen generation engine, for presenting at least one screen at said
wireless mobile device in accordance with said text file;
 - an event handler for processing events arising in response to
interaction with said at least one screen in accordance with said text
file, said event handler operable to execute a software component
separate from said virtual machine software, identified in said text file
and loaded at said device.
16. The wireless mobile device of claim 15, wherein said memory further stores
a representation of said text file.
17. The wireless mobile device of any one of claims 15 and 16, wherein said
representation of said text file is created by said parser.
18. The wireless mobile device of any one of claims 15 to 17, wherein said
parser comprises an XML parser.
19. The wireless mobile device of any one of claims 15 to 16, wherein said
virtual machine software further adapts said processor to parse said text file.
20. The wireless mobile device of claim 19, wherein said virtual machine
software further adapts said parser comprises to parse said text file as an
XML file.
21. The wireless mobile device of any one of claims 15 to 20, wherein said
interface comprises at least one screen and said software further comprises

object classes corresponding to actions to be taken by said device in response to interaction with said at least one screen.

22. The wireless mobile device of any one of claims 15 to 21, wherein said memory further stores said software component separate from said virtual machine software.
23. The wireless mobile device of any one of claims 15 to 22, wherein said software component separate from said virtual machine software comprises at least one object class.
24. The wireless mobile device of any one of claims 15 to 23, wherein said software component separate from said virtual machine software comprises an interface recognized by said virtual machine software.
25. The wireless mobile device of any one of claims 15 to 24, wherein said software component separate from said virtual machine software interacts with hardware at said mobile device.
26. The wireless mobile device of any one of claims 15 to 25, wherein said software component separate from said virtual machine software receives parameters contained in said text file from said virtual machine software.
27. The wireless mobile device of any one of claims 15 to 26, wherein said software component separate from said virtual machine software returns data to said virtual machine software.
28. The wireless mobile device of any one of claims 15 to 27, wherein said software component separate from said virtual machine software returns data to said virtual machine software in XML format.
29. Computer readable medium storing software to be executed at a mobile device, adapting said mobile device to perform the method of any of claims 1 to 14.